

526403

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



Rec'd PCT/PTO 02 MAR 2005



(43) International Publication Date  
18 March 2004 (18.03.2004)

PCT

(10) International Publication Number  
**WO 2004/023160 A1**

- (51) International Patent Classification<sup>7</sup>: **G01T 1/26** Daniel, James [GB/GB]; 10 Park Drive, Sunningdale, Berkshire SL5 0BD (GB).
- (21) International Application Number: PCT/IB2003/003762 (74) Agents: **DONALD, HEATHER, June** et al.; Spoor & Fisher, PO Box 41312, 2024 Craighall (ZA).
- (22) International Filing Date: 4 September 2003 (04.09.2003) (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0220767.8 6 September 2002 (06.09.2002) GB (71) Applicant (*for all designated States except US*): **ELEMENT SIX LIMITED** [GB/GB]; Isle of Man, Freeport, Ballasalla IM99 6AQ (GB).
- (71) Applicant (*for MW only*): **DONALD, HEATHER, June** [ZA/ZA]; Spoor & Fisher, Block A Rochester Place, 173 Rivonia Road, 2057 Morningside (ZA).
- (72) Inventors; and (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (75) Inventors/Applicants (*for US only*): **WHITEHEAD, Andrew, John** [GB/GB]; 60 Cheylesmore Drive, Frimley, Camberley, Surrey GU16 9BW (GB). **SCARSBROOK, Geoffrey, Alan** [GB/GB]; 40 Cavendish Mead, Sunninghill, Ascot, Berkshire SL5 9TD (GB). **TWITCHEN,**
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DIAMOND RADIATION DETECTOR

(57) Abstract: A method of detecting radiation which includes the steps of providing a layer of high purity single crystal CVD diamond, applying an electric field of no greater than 0.5 V/μm to the layer, exposing the layer to the radiation thereby generating a signal and detecting the signal.



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